

Comparisons of Job Characteristics

Focus Occupation: [Electronic Home Entertainment Equipment Installers and Repairers \(49-2097\)](#)

Associated Occupation: [Electricians \(47-2111\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Associated Occupation: Electricians (47-2111)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|---|
| Mechanical | 6.8 | 16.5 | 10.0 | << | Extensive education and/or training may be required |
| Building and Construction | 4.0 | 14.6 | 5.2 | << | Extensive education and/or training may be required |
| Mathematics | 9.2 | 14.5 | 10.3 | << | Extensive education and/or training may be required |
| Design | 5.2 | 13.4 | 8.6 | << | Extensive education and/or training may be required |
| Administration and Management | 8.4 | 12.2 | 8.4 | << | Extensive education and/or training may be required |
| Engineering and Technology | 5.7 | 11.8 | 14.3 | > | Current knowledge level is likely sufficient |
| Physics | 4.3 | 10.9 | 6.5 | << | Extensive education and/or training may be required |
| Telecommunications | 3.9 | 10.4 | 12.5 | > | Current knowledge level is likely sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Associated Occupation: Electricians (47-2111)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|---|---------------------------------|--------------------------------|---------------------------|--------------------------------|---------------------------------------|
| Troubleshooting | 4.5 | 12.3 | 11.5 | 0 | Current skill level may be sufficient |
| Repairing | 3.4 | 11.6 | 11.0 | 0 | Current skill level may be sufficient |
| Quality Control Analysis | 5.9 | 11.0 | 11.5 | 0 | Current skill level may be sufficient |

| | | | | | |
|-----------------------|-----|------|-----|---|---------------------------------------|
| Equipment Maintenance | 3.5 | 10.3 | 9.1 | < | A higher skill level may be required |
| Installation | 1.7 | 9.4 | 9.1 | 0 | Current skill level may be sufficient |
| Equipment Selection | 3.3 | 8.4 | 8.2 | 0 | Current skill level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Associated Occupation: Electricians (47-2111)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|--|
| Visual Color Discrimination | 6.4 | 12.8 | 10.6 | < | Some improvement in abilities may be required |
| Visualization | 7.5 | 12.2 | 11.2 | 0 | Current ability level may be sufficient |
| Finger Dexterity | 7.6 | 11.8 | 12.5 | 0 | Current ability level may be sufficient |
| Extent Flexibility | 4.8 | 10.4 | 7.0 | << | Extensive improvement in abilities may be required |
| Gross Body Equilibrium | 3.2 | 8.2 | 3.3 | << | Extensive improvement in abilities may be required |
| Speed of Limb Movement | 3.2 | 6.6 | 5.2 | < | Some improvement in abilities may be required |
| Glare Sensitivity | 2.6 | 5.9 | 3.4 | << | Extensive improvement in abilities may be required |
| Sound Localization | 2.2 | 5.3 | 5.4 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Associated Occupation: Electricians (47-2111)

| Work Activities | Exclusivity of Activity |
|---|-------------------------|
| Analyze operation of malfunctioning electrical or electronic equipment | 68 |
| Distinguish colors | 44 |
| Estimate cost for repair services | 82 |
| Fabricate, assemble, or disassemble manufactured products by hand | 11 |
| Install/connect electrical equipment to power circuit | 57 |
| Perform safety inspections in industrial, manufacturing or repair setting | 32 |
| Read technical drawings | 7 |
| Repair electronic components, equipment, or systems | 74 |
| Repair or replace electrical wiring, circuits, fixtures, or equipment | 49 |
| Replace electronic components | 63 |

| | |
|---|----|
| Solder electrical or electronic connections or components | 55 |
| Test electrical/electronic wiring, equipment, systems or fixtures | 54 |
| Test electronic or electrical circuit connections | 66 |
| Understand service or repair manuals | 40 |
| Use electrical or electronic test devices or equipment | 40 |
| Use hand or power tools | 2 |
| Use interpersonal communication techniques | 10 |
| Use oscilloscopes in electronics repair | 77 |
| Use soldering equipment | 44 |
| Use voltmeter, ammeter, or ohmmeter | 52 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Associated Occupation: Electricians (47-2111)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.